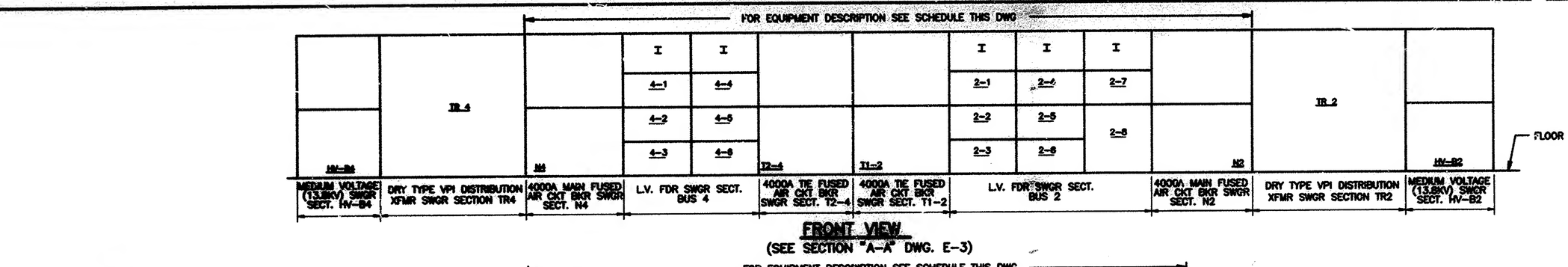
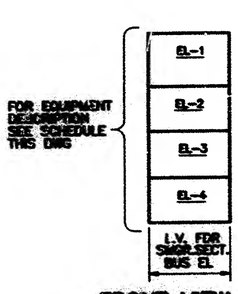
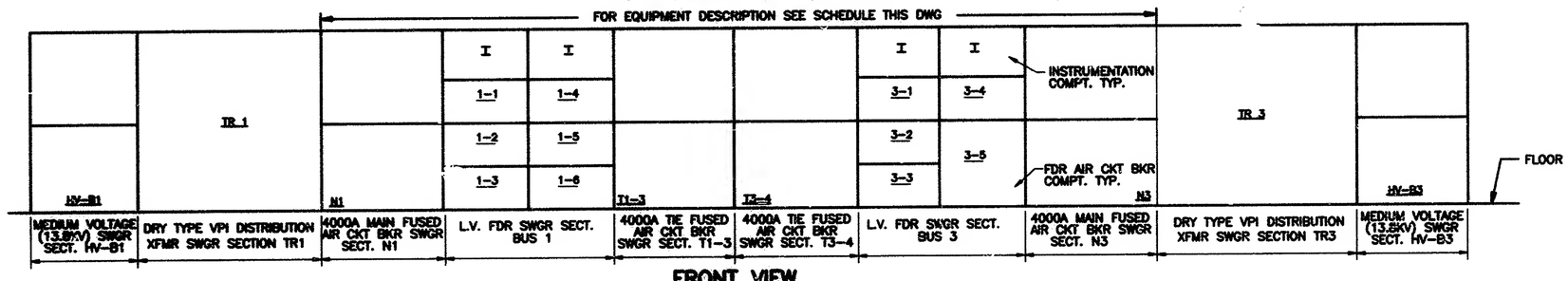


FRONT VIEW
(SEE SECTION "A-A" DWG. E-3)



FRONT VIEW
(SEE SECTION "E-E" DWG. E-3)



FRONT VIEW
(SEE SECTION "B-B" DWG. E-3)

NOTES:

1. FOR LEGEND, ABBREVIATIONS A
EQUIPMENT SEE DRAWING E-1

SCHEDULE LEGEND

1. FUSE - CURRENT LIMITING FUS
SPECIFICATION.
2. SPACE - SPACE SHALL BE A F
COMPARTMENT WITH
SECONDARY DISCONN
FOR DRAWOUT BREAK
3. PROVIDE LUGS ON BREAKER AN
FOR CONDUCTORS SHOWN IN S
ON THIS DRAWING.
4. PROVIDE LUGS ON GROUND BU
2000A FRAME = 5-250MC
1600A FRAME = 3 #4/0
800A FRAME = 3 #1/0

X INDICATES REQUIRED
-- NOT REQUIRED

LOW VOLTAGE MAIN, TIE AND FEEDER AIR CIRCUIT BREAKERS SCHEDULE

SWITCHGEAR SECTIONS	BKR COMPT. NO.	LOAD DESCRIPTION	CIRCUIT BREAKER CHARACTERISTICS & ACCESSORIES									FEEDER			
			FRAME	TRIP	SOLID STATE TRIP UNIT						FUSE (1)	DESIGNATION	CONDUIT		CONDUCTORS PER CON
					L.T.	S.T.	INSTA.	G.F.	U.V. TRIP	MONITORING AND CONTROL FUNCTIONS, SEE SPECS			QTY	SIZE	
MAIN FUSED AIR CKT BKR-SWGR SECT. N1	N1	MAIN AIR CKT. BREAKER 75 W B1 N1	4000A	4000A	X	X	X	X	--	--	5000A	--	--	--	
LOW VOLTAGE FDR SWGR SECT. BUS 1	1-1	SPARE	1600A	1600A	X	X	X	X	X	X	2500A	--	--	--	--(4)
LOW VOLTAGE FDR SWGR SECT. BUS 1	1-2	(R2a) 480/277V ELEC. CLOS. "W" 77th TO 84th FL	1600A	1600A	X	X	X	X	X	X	2500A	F-SW75R-2a	--	--	2000A BUSWAY
LOW VOLTAGE FDR SWGR SECT. BUS 1	1-3	SPARE	800A	800A	X	X	X	X	X	X	1200A	--	--	--	--(4)
LOW VOLTAGE FDR SWGR SECT. BUS 1	1-4	(R4) ELEVATOR BUS #EL-75W VIA TRANSFER SWITCH	1600A	1200A	X	X	X	X	--	X	2000A	F-SW75R-4	3	3 1/2"C	3-500MCM & 1 # 3/0
LOW VOLTAGE FDR SWGR SECT. BUS 1	1-5	SPARE	1600A	1600A	X	X	X	X	X	X	2500A	--	--	--	--(4)
LOW VOLTAGE FDR SWGR SECT. BUS 1	1-6	PANEL #DP-75W	800A	800A	X	X	X	X	X	X	1200A	(1-6)	2	3 1/2"C	4-500MCM & 1 # 2/0
TIE FUSED AIR CKT BKR-SWGR SECT. T1-3	T1-3	TIE AIR CKT. BREAKER 75 W T1-3	4000A	4000A	X	X	X	X	--	X	4000A				4000A BUSWAY
MAIN FUSED AIR CKT BKR-SWGR SECT. N2	N2	MAIN AIR CKT. BREAKER 75 W B2 N2	4000A	4000A	X	X	X	X	--	--	5000A	--	--	--	
LOW VOLTAGE FDR SWGR SECT. BUS 2	2-1	(R1) 208/120V TRANS'F-ELEC. CLOS. "W" 77th TO 92nd FL	1600A	800A	X	X	X	X	X	X	1200A	F-SW75R-1	2	3 1/2"C	3-500MCM & 1 # 2/0
LOW VOLTAGE FDR SWGR SECT. BUS 2	2-2	(R2b) 480/277V ELEC. CLOS. "W" - 85th TO 92nd FL	1600A	1600A	X	X	X	X	X	X	2500A	F-SW75R-2b	--	--	2000A BUSWAY
LOW VOLTAGE FDR SWGR SECT. BUS 2	2-3	SPACE (2)	800A		--	--	--	--	--	--	--	--	--	--	--(4)
LOW VOLTAGE FDR SWGR SECT. BUS 2	2-4	(R5) MOTOR CONTROL CENTER # MW75R	1600A	1200A	X	X	X	X	X	X	2000A	F-SW75R-5	3	3 1/2"C	3-500MCM & 1 # 3/0
LOW VOLTAGE FDR SWGR SECT. BUS 2	2-5	SPARE	1600A	1600A	X	X	X	X	X	X	2500A	--	--	--	--(4)
LOW VOLTAGE FDR SWGR SECT. BUS 2	2-6	(R-BT) EMERG LIGHTING PANELS ALTERNATE SOURCE 59th TO 92nd	800A	225A	X	X	X	X	--	X	350A	F-SW75R--BT	1	2 1/2"C	3 # 4/0 & 1 # 2
LOW VOLTAGE FDR SWGR SECT. BUS 2	2-7	(R3) WATER SUPPLY PUMPS (1-75HP & 1-40HP)	800A	400A	X	X	X	X	X	X	600A	F-SW75R--3	1	3 1/2"C	3-500MCM & 1 # 1/0
LOW VOLTAGE FDR SWGR SECT. BUS 2	2-8	SPARE	2000A	2000A	X	X	X	X	X	X	3000A	--	--	--	--(4)
TIE FUSED AIR CKT BKR-SWGR SECT. T1-2	T1-2	TIE AIR CKT. BREAKER 75 W T1-2	4000A	4000A	X	X	X	X	--	X	4000A				4000A BUSWAY
MAIN FUSED AIR CKT BKR-SWGR SECT. N3	N3	MAIN AIR CKT. BREAKER 75 W B3 N3	4000A	4000A	X	X	X	X	--	--	5000A	--	--	--	
LOW VOLTAGE FDR SWGR SECT. BUS 3	3-1	(R-17) EBASCO	1600A	1600A	X	X	X	X	X	X	2500A	F-SW75R-17	3	3"C	3-500MCM & 1 # 4/0
LOW VOLTAGE FDR SWGR SECT. BUS 3	3-2	(L4b) 480/277V - ELEC. CLOS. "W" - 59th TO 66th FL	1600A	1600A	X	X	X	X	X	X	2500A	F-SW75L-4b	--	--	2000A BUSWAY
LOW VOLTAGE FDR SWGR SECT. BUS 3	3-3	FUJI	800A	800A	X	X	X	X	X	X	1000A	(3-3)	2	3 1/2"C	4-500MCM & 1 # 4/0
LOW VOLTAGE FDR SWGR SECT. BUS 3	3-4	(L2) HOT WATER HEATERS	800A	400A	X	X	X	X	X	X	600A	F-SW75L-2	1	3 1/2"C	3-500MCM & 1 # 1/0
LOW VOLTAGE FDR SWGR SECT. BUS 3	3-5	(L1) ELEVATOR DISTRIBUTION PANELS EL-B75N-A & EL-B76S-A	2000A	2000A	X	X	X	X	--	X	3000A	F-SW75L-1	5	3 1/2"C	3-500MCM & 1-250MCM
TIE FUSED AIR CKT BKR-SWGR SECT. T3-4	T3-4	TIE AIR CKT. BREAKER 75 W T3-4	4000A	4000A	X	X	X	X	--	X	4000A				4000A BUSWAY
MAIN FUSED AIR CKT BKR-SWGR SECT. N4	N4	MAIN AIR CKT. BREAKER 75 W B4 N4	4000A	4000A	X	X	X	X	--	--	5000A	--	--	--	
LOW VOLTAGE FDR SWGR SECT. BUS 4	4-1	(L3) 208/120V TRANS'F. ELEC. CLOS. "W" - 59th TO 74th FL	1600A	800A	X	X	X	X	X	X	1200A	F-SW75L-3	2	3 1/2"C	3-500MCM & 1 # 2/0
LOW VOLTAGE FDR SWGR SECT. BUS 4	4-2	(L4a) 480/277V - ELEC. CLOS. "W" - 67th TO 74th FL	1600A	1600A	X	X	X	X	X	X	2500A	F-SW75L-4a	--	--	2000A BUSWAY
LOW VOLTAGE FDR SWGR SECT. BUS 4	4-3	SPACE (2)	800A	--	--	--	--	--	--	--	--	--	1	--	2#2/0 GND
LOW VOLTAGE FDR SWGR SECT. BUS 4	4-4	(L7) MOTOR CONTROL CENTER #MW75L	1600A	1200A	X	X	X	X	X	X	2000A	F-SW75L-7	3	3 1/2"C	3-500MCM & 1 # 3/0
LOW VOLTAGE FDR SWGR SECT. BUS 4	4-5	(R16) EBASCO	1600A	800A	X	X	X	X	X	X	2500A	F-SW75R-16	2	3"C	3-500MCM & 1 # 4/0
LOW VOLTAGE FDR SWGR SECT. BUS 4	4-6	(LBT) FIRE PUMP (150 HP)	800A	600A	X	X	X	X	--	X	1200A	F-SW75L-BT	2	3"C	3-500MCM & 1 # 2/0
TIE FUSED AIR CKT BKR-SWGR SECT. T2-4	T2-4	TIE AIR CKT. BREAKER 75 W T2-4	4000A	4000A	X	X	X	X	--	X	4000A				4000A BUSWAY
LOW VOLTAGE FDR SWGR SECT. BUS EL	--	L.V. FDR.SWGR. SECT. 75 W BUS EL (INCOMING FEEDER R-4)	--	--	--	--	--	--	--	--	--	F-SW75R-4	3	3 1/2"C	3-500MCM & 1 # 3/0
LOW VOLTAGE FDR SWGR SECT. BUS EL	EL-1	(R10) ELEVATOR DISTRIBUTION PANEL # EL-B-56A	800A	300A	X	X	X	X	--	X	450A	F-SW75R-10	1	2 1/2"C	3-250MCM & 1 # 2
LOW VOLTAGE FDR SWGR SECT. BUS EL	EL-2	(R11) ELEVATOR DISTRIBUTION PANEL # EL-B-63A	800A	400A	X	X	X	X	--	X	600A	F-SW75R-11	1	3 1/2"C	3-500MCM & 1 # 1/0
LOW VOLTAGE FDR SWGR SECT. BUS EL	EL-3	(R12) ELEVATOR DISTRIBUTION PANEL # EL-B-69A	800A	400A	X	X	X	X	--	X	600A	F-SW75R-12	1	3 1/2"C	3-500MCM & 1 # 1/0
LOW VOLTAGE FDR SWGR SECT. BUS EL	EL-4	(R13) ELEVATOR DISTRIBUTION PANEL # EL-B-76A	800A	600A	X	X	X	X	--	X	1000A	F-SW75R-13	2	3"C	3-350MCM & 1 # 2/0